User Manual

Super Cam V6 SRCAMV6

Wireless Inspection Camera with recording LCD monitor.

Product code: SRCAMV6

CAMERA NUMBER:

Please read this user manual carefully before using this product.

CONTENTS

Welcome 1
Features 1
Packing List 1
Structure 2
Installation 3
Operation 6
- Basic Operation 6
- Other Operation and Settings for Monitor 7
  - Recording Video 7
  - Taking Photos 8
  - Playing Video/Viewing Images 9
  - Deleting Video/Images 10
  - Deleting a Folder 11
  - Language Setting 12
  - Video System Setting 12
  - Format 13
  - Default Setup 13
  - Viewing Version Information 14
  - Frame Rate Setting 14
  - Time Stamp Setting 14
  - Recording Type 15
  - Date/Time Setting 16
  - Event Playback 16

Specifications 17

Welcome

Thank you for choosing our inspection video camera and recordable LCD monitor. Please read the User Manual carefully before using this product.

The product is designed as a remote inspection device. It can be used in tight spaces and relays real-time footage directly to the LCD monitor. The camera is able to both record video footage and capture still images.

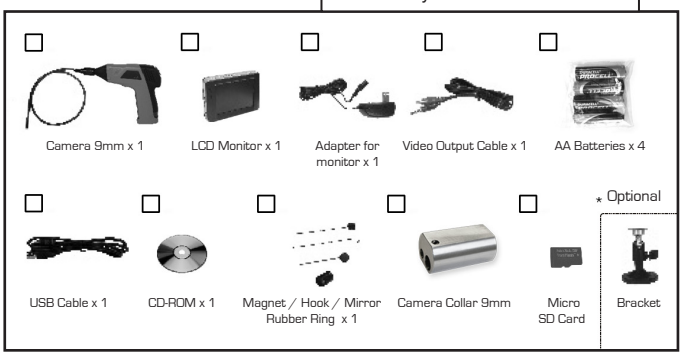
Typical applications might include HVAC inspection, automotive inspection, cable routing, boat/aircraft inspection, etc.

Features

- 3.5 '' TFT-LCD palm LCD monitor with resolution of 960 x 240.
- The image head and the cable are water resistant when the unit is fully assembled, but the monitor and camera are not.
- The monitor can record video footage and take still images.
- A 2GB SD card is included.

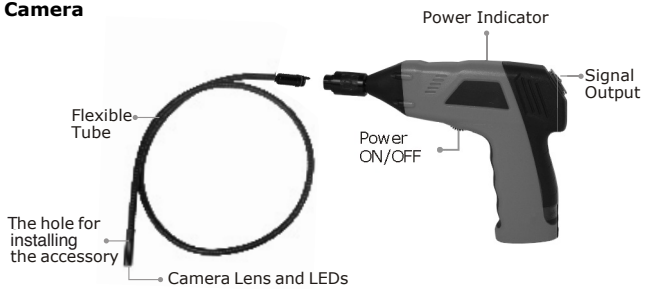
Packing List

Checked By:

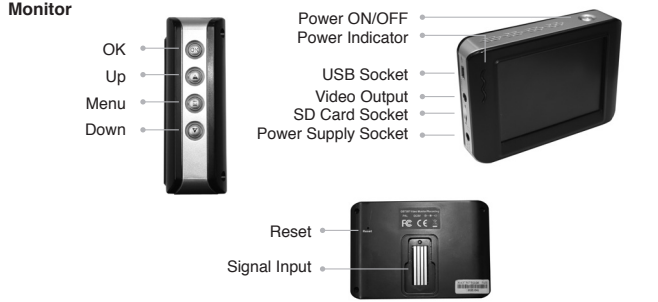


Structure

Camera



Monitor

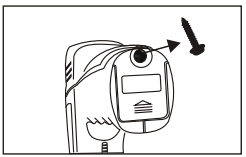


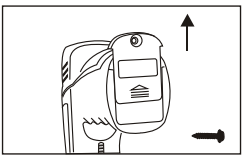
Installation

Please install the batteries、tube and insert the SD card first before using product, and choose the accessory according to actual situation.
Steps of installation as following：

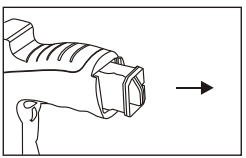
Install Batteries

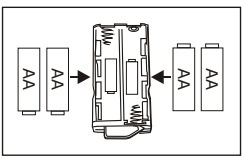
1. Using a screwdriver, remove screw and cover.





2. Remove battery compartment and insert four new AA batteries into the proper slots in the battery compartment. Proper battery orientation is indicated on the battery compartment.



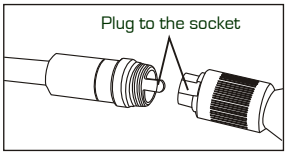


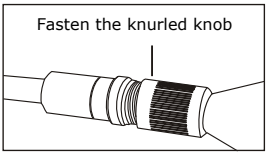
3. Reinstall battery compartment and battery cover and screw as before.

NOTE! Dry your hands before installation or replacing batteries.

Install the Camera with Flexible Tube

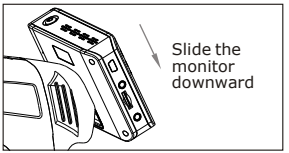
Connect the camera with tube to the body, make sure the keyed ends are properly aligned. Once they are aligned, finger tighten the knurled knob to hold the connection in place.

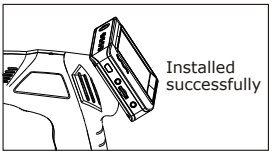




Installing Monitor for Wired Use

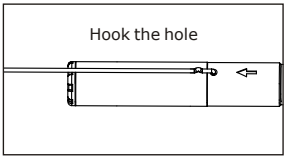
The product also supports wired use by connecting the monitor to the camera.

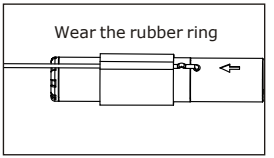




Installing Accessories

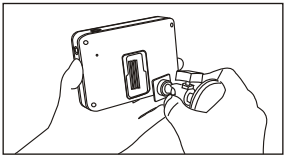
The three accessories included with the camera (mirror, hook and magnet) all attach to the camera in the same way. To Install:

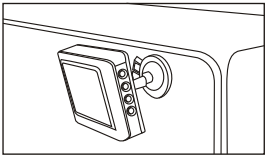




Installing the bracket to the Monitor

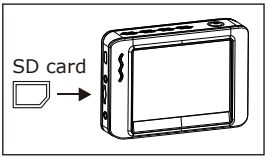
The bracket is supplied with a magnet that the monitor can be attached to. Install it to the monitor as per the following diagram:





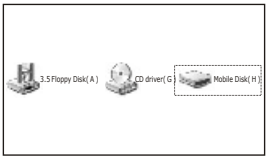
Inserting the SD Card

After the SD card has been inserted successfully into the SD card socket, the following symbol will be shown on the monitor screen "▯", otherwise "⊘" will appear.



Connecting the USB Cable

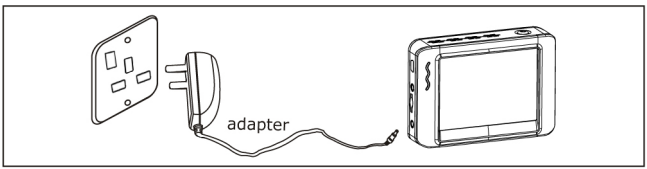
Connect the USB cable to the monitor and the other end to a PC. The USB online icon will appear on the PC once successfully inserted. Open My Computer and locate the Mobile Disk. The video/picture files can then be copied/cut/played back directly from the SD card.



NOTE! If the computer cannot play the video files correctly, please install the video player software from the CD-ROM.

Charging the Monitor

Connect the adapter to the monitor, whereby the power indicator will illuminate red, or similarly the battery capacity icon on the LCD monitor will flash. This indicates that the unit is on charge, and will turn off automatically once fully charged.



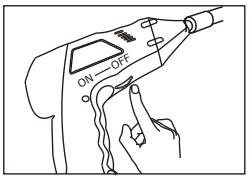
Video Output

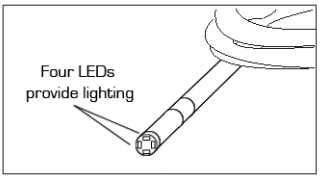
Insert the video cable into the VIDEO OUT socket of the monitor. Insert the other end of the cable into the VIDEO IN jack of a TV or similar monitor. The LCD Monitor will output a high quality video.

Operation

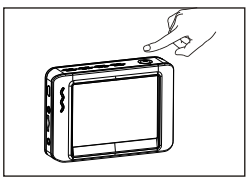
Basic Operation

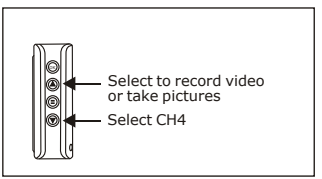
1. Roll the ON/OFF switch to turn ON the camera, whereby the power indicator will illuminate. The switch then acts as a dimmer for the four LEDs that surround the camera head providing lighting where needed.



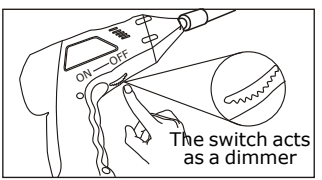


2. Press and hold the power ON/OFF button on the monitor for 2 seconds until the power indicator turns green, then press the ▼ button to select the CH4 (Channel 4) to display the image on the LCD monitor. Press the ▲ button to select the recording video or taking pictures status as follows:

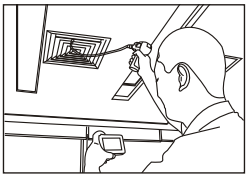




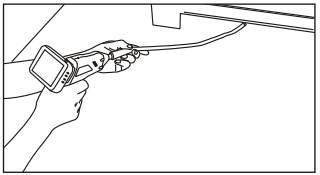
3. Roll the ON/OFF switch on the camera to dim/brighten the light produced by the four LEDS.



4. When in use, the flexible tube should be allowed to manoeuvre itself into position with ease going forward.



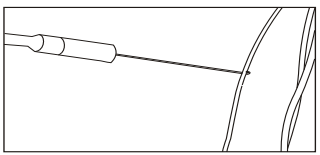
Wireless



Wired

TIP! The flexible tube can be bent into the required shape. This may help you to explore areas that are more narrow than usual.

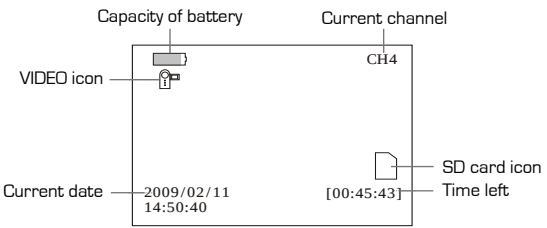
5. The accessories of the handheld inspection camera can be used to retrieve small items like dropped rings or screws.



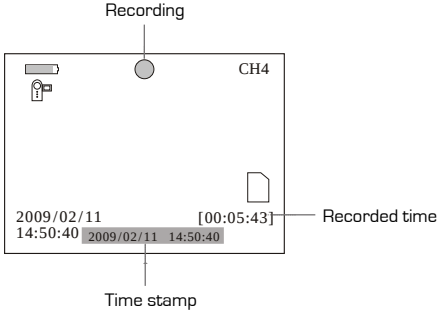
Further Operation and Settings for Monitor

Recording Video

1. In the real-time monitoring status, press (▲) button to enter VIDEO status as following:



2. Press OK button to record as following:



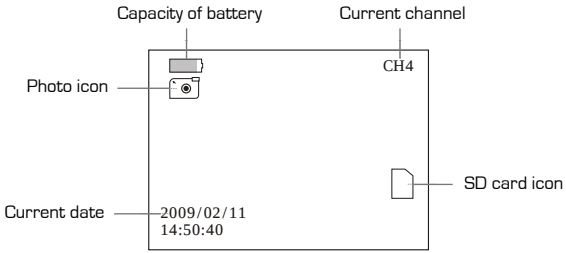
3. Press OK button again to stop recording.

NOTE!

* The video will be automatically saved as a file every 30 minutes.
* When the SD card is full the SD card icon will change to "F".

Taking photos

1. In the real-time monitoring status, press the ▲ button to switch to the photo status as following:

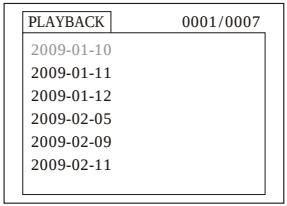


2. Press OK button to take a photo.

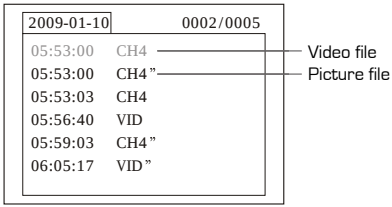
NOTE! When the SD card icon changes to "F" it means that the SD card is full.

Playing Video / Viewing Images

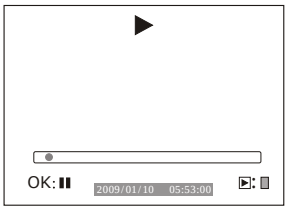
1. In the real-time monitoring status, press the ☰ button to enter into the following interface:



2. Press ▲ or ▼ button to select the folder and press OK to enter:



3. For Video:
   Press ▲ or ▼ button to select the video function, then press OK to play as following:

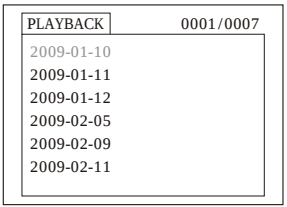


Pause: Press OK button in playing status to pause, press again to resume.
Fast Forward: Press (▲) button in playing status.
Fast Backward: Press (▼) button in playing status.
Stop/Exit: Press (☰) button.

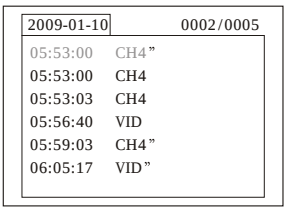
For Picture:
Press (▲) or (▼) button to select picture, then press OK button to display. Press OK button again to exit.

Deleting Video / Images

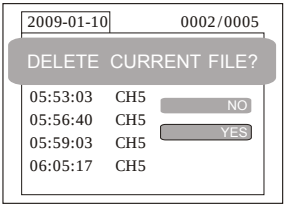
1. In the real-time monitoring status, press (☰) button once to enter the following interface:



2. Press (▲) or (▼) button to select folder, then press OK button to enter the following interface:



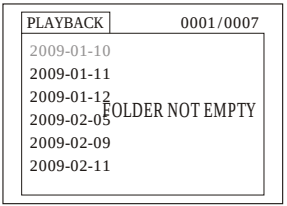
3. Press (▲) or (▼) button to select the file, then press and hold the (☰) button for 2 seconds to enter the following interface:



4. Press (▲) or (▼) button to select “YES”, then press OK button to confirm. Press “NO” to exit the current setup.

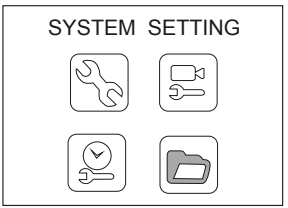
Deleting a folder

Deleting a folder is the same process as deleting a file, however make sure the folder is empty, otherwise the following warning interface will appear:



How to enter the Settings Mode

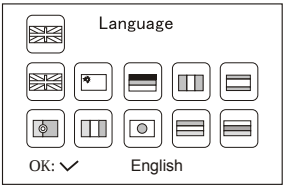
In the real-time monitoring status, press and hold the (☰) button for about 1-2 seconds to enter the settings interface as follows:



Language Setting

1. In the settings mode, press ▲ or ▼ button to select “SYSTEM SETTING”. Press OK to enter.

2. Press ▲ or ▼ button to select “Language”, press the OK button to enter the following interface:



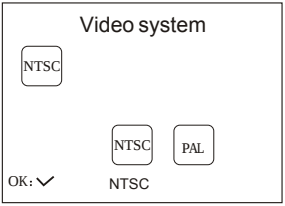
3. Press ▲ or ▼ button to select the appropriate language.

4. Press OK button to confirm and exit.

Video System Setting

1. In the settings mode, press ▲ or ▼ button to select “SYSTEM SETTING”. Press OK button to enter.

2. Press ▲ or ▼ button to select “Video System”. Press OK button to enter the following interface:

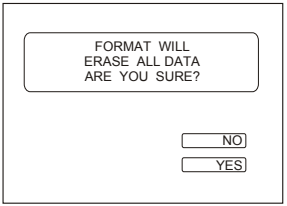


3. Press ▲ or ▼ button to select the right type. Press OK to confirm and exit.

Format

1. In the settings mode, press ▲ or ▼ button to select “SYSTEM SETTING”. Press OK to enter.

2. Press ▲ or ▼ button to select “Format”. Press OK button to enter the following interface.

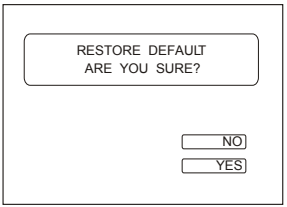


3. Press ▲ or ▼ button to select “YES”, then press OK to erase all data. Press “NO” to exit the setup.

Default Setup

1. In the settings mode, press ▲ or ▼ button to select “SYSTEM SETTING”. Press OK button to enter.

2. Press ▲ or ▼ button to select “Default Setup”. Press OK button to enter the following interface:



3. Press ▲ or ▼ button to select “YES”, then press OK to restore default. Press “NO” to exit the setup.

Viewing Version Information

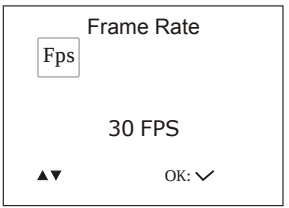
1. In the settings mode press ▲ or ▼ button to select “SYSTEM SETTING”, then press OK button to enter.

2. Press ▲ or ▼ button to select “Version”. Press OK button to enter and view the version of the product.

Frame Rate Setting

1. In the settings mode, press ▲ or ▼ button to select “RECORDER SETTING”. Press OK button to enter.

2. Press ▲ or ▼ button to select “Frame Rate”. Press OK to enter the interface:



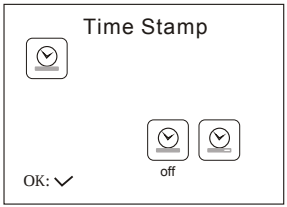
3. Press ▲ or ▼ button to select a suitable frame rate.

4. Press OK to confirm and exit.

Time Stamp Setting

1. In the settings mode, press ▲ or ▼ button to select “RECORDER SETTING”. Press OK button to enter.

2. Press ▲ or ▼ button to select “Time Stamp”. Press OK button to enter the following interface:

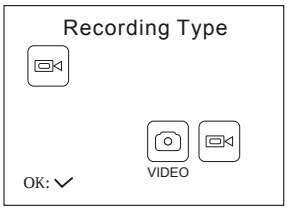


3. Press ▲ or ▼ button to select either “On” or “Off” and press OK to confirm and exit.

Recording Type

1. In the settings mode, press ▲ or ▼ button to select “RECORDER SETTING”. Press OK button to enter.

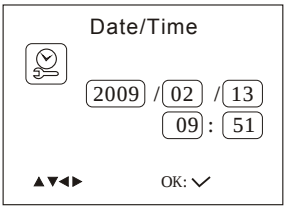
2. Press ▲ or ▼ button to select “Recording Type”. Press OK button to enter the following interface:



3. Press ▲ or ▼ button to select “STILL” “VIDEO”. Press OK to confirm and exit.

Date/Time Setting

1. In the settings mode, press ▲ or ▼ button to select “Date/Time”. Press OK button to enter the following interface:



2. Press OK to select the Date or Time
   Press ▲ or ▼ button to modify
   Press ☰ button to confirm and exit

Event Playback

1. In the settings mode, press ▲ or ▼ button to select “EVENT PLAYBACK”. Press OK button to enter.

2. For other operation, see “Play Video/Picture” “Delete Video/Picture”, “Delete Folder” section.

FCC INFORMATION

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference
(2) This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Specifications

Camera	Model No.	GB8803
	Imaging Sensor	CMOS
	Total Pixels	640 x 480
	Horizontal View Angle	45 degrees
	Transmission Frequency	2468 MHz
	Minimum Illumination	0 lux
	Modulation Type	FM
	Bandwidth	18 MHz
	Tube Diameter	9mm
	Power Supply	4 x AA Batteries
	Unobstructed Effective Range	10m
	Waterproof Capacity	IP67 (only for imager head)
	Dimensions (W x D x H)	186 x 145 x 41mm (Excluding Flexible Tube)
	Weight (about)	450g
Monitor	Model No.	GB7307
	LCD Screen Type	LCD 3.5" TFT-LCD
	Effective Pixels	320 (RGB) x 240
	Video System	PAL / NTSC
	Transmission Frequency	2414MHz, 2432MHz, 2450MHz, 2468MHz
	Exterior Supply Voltage	$5V_{DC}$
	Consumption Current (Max.)	500 mA
	Charge Time	3 hours
	Work Time	2 hours
	Picture/Video Pixels	640 x 480
	Video Size	27M byte /minute
	Frame Rate	30 frame/second
	Video Output Level	0.9 1.3V_{P-P} @ 75ohm
	Receiving Sensitivity	≤ -85dBm
	Dimensions (W x D x H)	100 x 70 x 25 mm
	Weight (about)	140g
	Operating Temperature	-10 °c ~ +50°c / 14°F ~ 122° F
	Operating Humidity	15% ~ 85%RH

* Actual transmission range may vary according to the weather, location, interference and building construction.

* All the specifications are subject to minor change without prior notice.

⚠ CAUTIONS

- The apparatus shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.
- Turn off the Camera/Monitor if the system is not in use.
- The Camera/Monitor can only be completely disconnected from the mains by unplugging the adapter.
- Do not cut the DC power cable of the apparatus to fit with another power source.
- Attention should be drawn to the environment aspects of battery disposal.
- Remove the batteries when cleaning the unit.
- Remove the batteries before storing the unit for a long time.
- When necessary, REPLACE ALL FOUR BATTERIES in this unit with new ones.
- Use only the size and type of battery specified.
- Be sure to install the battery with the correct polarity as indicated in the battery compartment.

EU Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

SUPER ROD

- Tel: +44 (0) 1495 792000
- Email: sales@super-rod.co.uk
- Web: www.super-rod.co.uk